

## CHEMICAL PHYSICS LETTERS

Chemical Physics Letters 346 (2001) 519-528

www.elsevier.com/locate/cplett

## Author Index to Volume 346

Abbruzzetti, S., C. Viappiani, S. Bruno and A. Mozzarelli, Enhanced geminate ligand	
rebinding upon photo-dissociation of silica gel-embedded myoglobin-CO	346 (2001) 430
Ågren, H., see Gel'mukhanov, F.	346 (2001) 437
Amorim, J., J. Loureiro and D. Schram, Formation of H <sup>-</sup> ions via vibrational excited	
molecules produced from recombinative wall desorption of H atoms in a low-	
pressure H <sub>2</sub> positive columns	346 (2001) 443
Andricioaei, I., J.E. Straub and M. Karplus, Simulation of quantum systems using path	
integrals in a generalized ensemble	346 (2001) 274
Arasaki, Y., see Ushiyama, H.	346 (2001) 169
Arce, J.C., J.A. Sheehy, P.W. Langhoff, O. Hemmers, H. Wang, P. Focke, I.A. Sellin	
and D.W. Lindle, On the angular distributions of molecular photoelectrons: dipole	
cross-sections for fixed-in-space and randomly oriented molecules	346 (2001) 341
Ascenzi, D., P. Franceschi, T.G.M. Freegarde, P. Tosi and D. Bassi, C-N bond	
formation in the reaction of nitrogen ions N <sup>+</sup> with benzene molecules	346 (2001) 35
Ata, M., see Kajiura, H.	346 (2001) 356
Baev, A., see Gel'mukhanov, F.	346 (2001) 437
Bakes, E.L.O., see Walch, S.P.	346 (2001) 267
Bando, Y., D. Golberg, M. Mitome, K. Kurashima and T. Sato, CtoBN conversion in	340 (2001) 207
multi-walled nanotubes as revealed by energy-filtering transmission electron	
microscopy	346 (2001) 29
Banerjee, S., N. Guchhait, A. Chakraborty, D. Nath and M. Chowdhury, Low-	340 (2001) 29
frequency large-amplitude vibrations of julolidine in the $S_0$ and $S_1$ states	346 (2001) 387
Bassi, D., see Ascenzi, D.	346 (2001) 35
Bertram, M., see Pollmann, M.	346 (2001) 123
Bertrand, P., see Wojciechowski, I.	346 (2001) 123
Bise, R.T., see Hoops, A.A.	346 (2001) 89
Bochicchio, R.C., see Lain, L.	346 (2001) 283
Bradley, K., see Han, WQ.	346 (2001) 368
Brooksby, C. and O.V. Prezhdo, Quantized mean-field approximation	346 (2001) 463
Bruno, S., see Abbruzzetti, S.	346 (2001) 430
Bruno, S., see Abbruzzetti, S.	340 (2001) 430
Cammi, R., see Cappelli, C.	346 (2001) 251
Cappelli, C., B. Mennucci, J. Tomasi, R. Cammi and A. Rizzo, The Cotton-Mouton	340 (2001) 231
effect of gaseous N <sub>2</sub> , CO, CO <sub>2</sub> , N <sub>2</sub> O, OCS and CS <sub>2</sub> : a density functional approach	
to high-order mixed electric and magnetic properties	346 (2001) 251
Carter, E.A., see Walter, D.	346 (2001) 231
Carter, E.A., See Walter, D.	340 (2001) 177

0009-2614/01/\$ - see front matter © 2001 Elsevier Science B.V. All rights reserved. PII: S 0 0 0 9 - 2 6 1 4 ( 0 1 ) 0 1 0 8 5 - 5

Catalano, D., M. Cifelli, V. Domenici, K. Fodor-Csorba, R. Richardson and C.A.	
Veracini, <sup>2</sup> H-NMR and SAXS of a ferroelectric liquid crystal: unwinding of the	
ferroelectric chiral helix by high magnetic fields	346 (2001) 259
Chakraborty, A., see Banerjee, S.	346 (2001) 387
Chang, C., see Ohline, S.M.	346 (2001) 9
Châtelain Jean-Marc Bonard, A., see Noury, O.	346 (2001) 349
Chen, LJ., YH. Tsai, CS. Liu, DR. Chiou and MC. Yeh, Effect of water content	0.0 (2001) 0.0
in solvent on the critical temperature in the formation of self-assembled	
hexadecyltrichlorosilane monolayers on mica	346 (2001) 241
Chen, Z., see Yuan, L.	346 (2001) 23
Chiou, DR., see Chen, LJ.	346 (2001) 241
Choi, H., see Hoops, A.A.	346 (2001) 89
Chowdhury, M., see Banerjee, S.	346 (2001) 387
Christoph, J., see Lee, J.	346 (2001) 246
Ciesielska, B., see Lorenc, M.	346 (2001) 224
Cifelli, M., see Catalano, D.	346 (2001) 259
Clary, D.C., see Pogrebnya, S.K.	346 (2001) 149
Coriani, S., see Halkier, A.	346 (2001) 329
Costa, S.M.B., see Tatikolov, A.S.	346 (2001) 233
Croci, M., see Noury, O.	346 (2001) 349
Crosley, D.R., see Luque, J.	346 (2001) 209
Cumings, J., see Han, WQ.	346 (2001) 368
Deigeley V. N. Miyre and V. Hashimata Electronic states of NH (NH.) (n = 0.4)	
Daigoku, K., N. Miura and K. Hashimoto, Electronic states of $NH_4(NH_3)_n (n = 0-4)$ cluster radicals	346 (2001) 81
Daire, S.E., J. Lozeille, S.D. Gamblin, E.P.F. Lee and T.G. Wright, (1 + 1) REMPI	340 (2001) 61
spectroscopy and high-level ab initio study of the complex formed between NO and	
CO	346 (2001) 305
Davey, J.B., A.C. Legon and E.R. Waclawik, Electric charge redistribution in BrCl	340 (2001) 303
resulting from interaction with Ar: the rotational spectrum of the linear complex	
Ar · · · BrCl	346 (2001) 103
de Vivie-Riedle, R., see Hofmann, A.	346 (2001) 299
Del Bene, J.E., see Jordan, M.J.T.	346 (2001) 288
Del Freo, L., see Painelli, A.	346 (2001) 470
Delcorte, A., see Wojciechowski, I.	346 (2001) 1
Domenici, V., see Catalano, D.	346 (2001) 259
Bolhellet, V., see Catalano, D.	340 (2001) 239
Eiswirth, M., see Lee, J.	346 (2001) 246
En-Yong, J., see Shi-Wei, R.	346 (2001) 479
Enríquez, P.A., see González, M.	346 (2001) 69
Ernsting, N.P., see Weiß, J.	346 (2001) 503
Ertl, G., see Lee, J.	346 (2001) 246
Farztdinov, V., see Weiß, J.	346 (2001) 503
Figari, G. and V. Magnasco, A simple polynomial variational-perturbative approach	
to the evaluation of dynamic multipole polarizabilities for a ground-state hydrogen	
atom	346 (2001) 293

Fisz, J.J., Fluorophore-matrix polar aligning interactions and fluorescence depolariza-	
tion in organized molecular assemblies	346 (2001) 455
Focke, P., see Arce, J.C.	346 (2001) 341
Fodor-Csorba, K., see Catalano, D.	346 (2001) 259
Franceschi, P., see Ascenzi, D.	346 (2001) 35
Francisco, J.S., see Guha, S.	346 (2001) 497
Freegarde, T.G.M., see Ascenzi, D.	
	346 (2001) 35
Fujimori, H., M. Yashima, S. Sasaki, M. Kakihana, T. Mori, M. Tanaka and M. Yoshimura, Cubic-tetragonal phase change of yttria-doped hafnia solid solution:	
	246 (2001) 217
high-resolution X-ray diffraction and Raman scattering	346 (2001) 217
Gamblin, S.D., see Daire, S.E.	346 (2001) 305
Gel'mukhanov, F., A. Baev, Y. Luo and H. Agren, Resonant X-ray Raman scattering	
from dense gases and solutions	346 (2001) 437
Georgiou, S., see Koubenakis, A.	346 (2001) 54
Golberg, D., see Bando, Y.	346 (2001) 29
González, M., M.P. Puyuelo, J. Hernando, R. Martínez, R. Sayós and P.A. Enríquez,	
Nascent $OH(X^2\Pi)$ product state distributions from the reaction of $O(^1D)$ with	
ethylene. A laser-induced fluorescence study	346 (2001) 69
Gonze, X., see Wojciechowski, I.	346 (2001) 1
Grech, E., see Pawlukojć, A.	346 (2001) 112
Greetham, G.M., see Seiler, R.	346 (2001) 201
Groeneveld, J.A., see McCormack, D.A.	346 (2001) 347
Guchhait, N., see Banerjee, S.	346 (2001) 387
Guha, S. and J.S. Francisco, An investigation of the formation of OBrO radicals from	
the HO + HOBrO reaction	346 (2001) 497
Guo, SY., see Wang, XQ.	346 (2001) 393
Halkian A and S Cariani State of the art ab initia calculations of the malacular	
Halkier, A. and S. Coriani, State-of-the-art ab initio calculations of the molecular	246 (2001) 220
electric quadrupole moments of hydrogen fluoride	346 (2001) 329
Halonen, L., see Metsälä, M.	346 (2001) 373
Han, WQ., J. Cumings, X. Huang, K. Bradley and A. Zettl, Synthesis of aligned	246 (2001) 260
$B_x C_y N_z$ nanotubes by a substitution-reaction route	346 (2001) 368
Hansen, K., see Vogel, M.	346 (2001) 117
Haruta, M., see Okumura, M.	346 (2001) 163
Hashimoto, K., see Daigoku, K.	346 (2001) 81
Hemmers, O., see Arce, J.C.	346 (2001) 341
Herlert, A., see Vogel, M.	346 (2001) 117
Hernando, J., see González, M.	346 (2001) 69
Hinrich Rotermund, H., see Pollmann, M.	346 (2001) 123
Hirano, Y., see Kajiura, H.	346 (2001) 356
Hishikawa, A., see Iwasaki, A.	346 (2001) 379
Hitsuda, K., K. Takahashi, Y. Matsumi and T.J. Wallington, Kinetics of the reactions of $Cl^*(^2P_{1/2})$ and $Cl(^2P_{3/2})$ atoms with $C_3H_8$ , $C_3D_8$ , $n$ - $C_4H_{10}$ , and	
i-C <sub>4</sub> H <sub>10</sub> at 298 K	346 (2001) 16
Hofmann, A. and R. de Vivie-Riedle, Adiabatic approach for ultrafast quantum	210 (2001) 10
dynamics mediated by simultaneously active conical intersections	346 (2001) 299
Hollenstein, U., see Seiler, R.	346 (2001) 201
Trononstein, C., see Beller, R.	310 (2001) 201

Hoops, A.A., R.T. Bise, H. Choi and D.M. Neumark, Photodissociation spectroscopy	
and dynamics of Si <sub>4</sub>	346 (2001) 89
Hu, W., see Yuan, L.	346 (2001) 23
Huang, H., see Kajiura, H.	346 (2001) 356
Huang, X., see Han, WQ.	346 (2001) 368
Huber, H., see Müller, M.G.	346 (2001) 160
Ishibashi, Ta. and H. Onishi, Vibrationally resonant sum-frequency generation	
spectral shape dependent on the interval between picosecond-visible and	
femtosecond-infrared laser pulses	346 (2001) 413
Ito, F., see Nakanaga, T.	346 (2001) 407
Iwasaki, A., A. Hishikawa and K. Yamanouchi, Real-time probing of alignment and	210 (2001) 101
structural deformation of CS <sub>2</sub> in intense nanosecond laser fields	346 (2001) 379
	0.10 (2001) 0.75
Jan Baerends, E., see McCormack, D.A.	346 (2001) 347
Jang, DJ., see Kwon, OH.	346 (2001) 195
Jeffries, J.B., see Luque, J.	346 (2001) 209
Jiang, YB., see Ma, LH.	346 (2001) 423
Jones, D., see Modelli, A.	346 (2001) 492
Jordan, M.J.T., JS. Toh and J.E. Del Bene, Vibrational averaging of NMR properties	
for an N-H-N hydrogen bond	346 (2001) 288
W" - W C T - ' W W - W W - L L' W W - L W	
Kajiura, H., S. Tsutsui, H. Huang, M. Miyakoshi, Y. Hirano, A. Yamada and M. Ata,	
Production of single-walled carbon nanotube ropes under controlled gas flow	246 (2001) 256
conditions	346 (2001) 356
Kakihana, M., see Fujimori, H.	346 (2001) 217
Karelson, M., see Lomaka, A.	346 (2001) 322
Karolczak, J., see Lorenc, M.	346 (2001) 224
Karplus, M., see Andricioaei, I.	346 (2001) 274
Kashiwagi, H., see Yoshihiro, T.	346 (2001) 313
Kellö, V., P. Pyykkö and A.J. Sadlej, Nuclear quadrupole moments of Kr and Xe from molecular data	246 (2001) 155
	346 (2001) 155
Khudyakov, D.V., see Pastukhov, A.V.	346 (2001) 61
Kim, HS., Solvent effect on $\Delta \log K_s$ of between K <sup>+</sup> and Na <sup>+</sup> ion to 18-Crown-6: a Monte Carlo simulation study	246 (2001) 125
the contract of the contract o	346 (2001) 135
Kirchner, B., see Müller, M.G.	346 (2001) 160
Kitagawa, Y., see Okumura, M.	346 (2001) 163
Kobayashi, T., see Sugita, A.	346 (2001) 41
Kotelnikov, A.I., see Pastukhov, A.V.	346 (2001) 61
Koubenakis, A., J. Labrakis and S. Georgiou, Pulse dependence of ejection efficiencies in the LIV ablation of his component was der Waals solids.	246 (2001) 54
in the UV ablation of bi-component van der Waals solids	346 (2001) 54
Kroes, GJ., see McCormack, D.A.	346 (2001) 347
Kubicki, J., see Lorenc, M.	346 (2001) 224
Kurashima, K., see Bando, Y.	346 (2001) 29
Kwon, OH., K. Park and DJ. Jang, Photoluminescence dynamics and spectra of C <sub>60</sub>	246 (2001) 105
and C <sub>60</sub> in VPI-5 molecular cages	346 (2001) 195

Labrakis, J., see Koubenakis, A.	346 (2001) 54
Lai, PY., see Zhou, Z.	346 (2001) 449
Lain, L., A. Torre, R.C. Bochicchio and R. Ponec, On the density matrix of effectively	
unpaired electrons	346 (2001) 283
Langhoff, P.W., see Arce, J.C.	346 (2001) 341
LeBreton, P.R., see Papadantonakis, G.A.	346 (2001) 97
Lee, E.P.F., see Daire, S.E.	346 (2001) 305
Lee, J., J. Christoph, M. Eiswirth and G. Ertl, Controlled pulse reversal on a ring	
electrode	346 (2001) 246
Lee, S., see Ohline, S.M.	346 (2001) 9
Legon, A.C., see Davey, J.B.	346 (2001) 103
Leszczynski, J., see Urban, J.	346 (2001) 512
Levitt, M.H., see Madhu, P.K.	346 (2001) 142
Lin, LR., see Ma, LH.	346 (2001) 423
Lindle, D.W., see Arce, J.C.	346 (2001) 341
Litvinenko, K.L., N.M. Webber and S.R. Meech, An ultrafast polarisation spectro-	
scopy study of internal conversion and orientational relaxation of the chromophore	
of the green fluorescent protein	346 (2001) 47
Liu, CS., see Chen, LJ.	346 (2001) 241
Liu, JR., see Wang, XQ.	346 (2001) 393
Liu, WL., see Wang, XQ.	346 (2001) 393
Lomaka, A. and M. Karelson, A pivot algorithm for generating lowest energy	
structures of peptides	346 (2001) 322
Lorenc, M., A. Maciejewski, M. Ziolek, R. Naskrecki, J. Karolczak, J. Kubicki and B.	
Ciesielska, Mechanism and deactivation kinetics of S2-xanthione in acetonitrile, a	
quenching solvent, and of S2-exciplex measured by pico- and femtosecond laser	
spectroscopy	346 (2001) 224
Loureiro, J., see Amorim, J.	346 (2001) 443
Lozeille, J., see Daire, S.E.	346 (2001) 305
Lu, GW., see Wang, XQ.	346 (2001) 393
Lü, MK., see Wang, XQ.	346 (2001) 393
Luo, Y., see Gel'mukhanov, F.	346 (2001) 437
Luque, J., J.B. Jeffries, G.P. Smith and D.R. Crosley, Predissociation of CH $B^2\Sigma^+v'=$	(
0,1 levels studied by cavity ring-down absorption spectroscopy	346 (2001) 209
,,,,,	
Ma, LH., ZC. Wen, LR. Lin and YB. Jiang, Dual fluorescence of naphthylamines	
in alkaline aqueous solution	346 (2001) 423
Maciejewski, A., see Lorenc, M.	346 (2001) 224
Madhan, B., P. Thanikaivelan, V. Subramanian, J. Raghava Rao, B. Unni Nair and	
T. Ramasami, Molecular mechanics and dynamics studies on the interaction of	
gallic acid with collagen-like peptides	346 (2001) 334
Madhu, P.K., X. Zhao and M.H. Levitt, High-resolution <sup>1</sup> H NMR in the solid state	()
using symmetry-based pulse sequences	346 (2001) 142
Magnasco, V., see Figari, G.	346 (2001) 293
Majerz, I., see Pawlukojć, A.	346 (2001) 112
Martínez, R., see González, M.	346 (2001) 69
Matsumi, Y., see Hitsuda, K.	346 (2001) 16
May, V., see Weiß, J.	346 (2001) 503
the state of the s	()

McCormack, D.A., GJ. Kroes, R.A. Olsen, J.A. Groeneveld, J.N.P. van Stralen, E.	
Jan Baerends and R.C. Mowrey, Erratum to "Molecular knife throwing: aiming for	
dissociation at specific surface sites through state-selection [Chem. Phys. Lett. 328	
	346 (2001) 347
(2000) 317]"	, ,
Meech, S.R., see Litvinenko, K.L.	346 (2001) 47
Mennucci, B., see Cappelli, C.	346 (2001) 251
Merkt, F., see Seiler, R.	346 (2001) 201
Metsälä, M., S. Yang, O. Vaittinen, D. Permogorov and L. Halonen, High-resolution	
cavity ring-down study of acetylene between 12260 and 12380 cm <sup>-1</sup>	346 (2001) 373
Michael Rode, B., see Tongraar, A.	346 (2001) 485
Miller, R.E., see Nauta, K.	346 (2001) 129
Mitome, M., see Bando, Y.	346 (2001) 29
Miura, N., see Daigoku, K.	346 (2001) 81
	346 (2001) 356
Miyakoshi, M., see Kajiura, H.	340 (2001) 330
Modelli, A., M. Venuti, F. Scagnolari and D. Jones, Dissociative electron attachment	246 (2004) 402
in the (CH <sub>3</sub> ) <sub>3</sub> Si-NSN-Si(CH <sub>3</sub> ) <sub>3</sub> thiazyl chain	346 (2001) 492
Mori, T., see Fujimori, H.	346 (2001) 217
Mowrey, R.C., see McCormack, D.A.	346 (2001) 347
Mozzarelli, A., see Abbruzzetti, S.	346 (2001) 430
Mühlpfordt, A., see Weiß, J.	346 (2001) 503
Müller, M.G., B. Kirchner, P.S. Vogt, H. Huber and D.J. Searles, Electric field	
gradients are highly pair-additive	346 (2001) 160
Nakanaga T N.V. Direcha and E. Ita. The avidence of the mode calcutivity of the	
Nakanaga, T., N.K. Piracha and F. Ito, The evidence of the mode selectivity of the	
infrared predissociation reaction of the hydrogen bonds in the aniline-water-	246 (2001) 407
pyrrole cluster cation	346 (2001) 407
Naskrecki, R., see Lorenc, M.	346 (2001) 224
Nath, D., see Banerjee, S.	346 (2001) 387
Natkaniec, I., see Pawlukojć, A.	346 (2001) 112
Nauta, K. and R.E. Miller, The formation of linear and T-shaped isomers of acetylene-	
hydrogen cyanide complexes in helium nanodroplets	346 (2001) 129
Neumark, D.M., see Hoops, A.A.	346 (2001) 89
Noury, O., T. Stöckli, M. Croci and A. Châtelain Jean-Marc Bonard, Growth of	
carbon nanotubes on cylindrical wires by thermal chemical vapor deposition	346 (2001) 349
Nyeland, C., see Rasmussen, L.L.	346 (2001) 187
Typiana, C., see Rashiassen, E.E.	340 (2001) 107
Ohline, S.M., S. Lee, S. Williams and C. Chang, Quantification of methylene blue	
aggregation on a fused silica surface and resolution of individual absorbance	
spectra	346 (2001) 9
Okumura, M., Y. Kitagawa, M. Haruta and K. Yamaguchi, DFT studies of	
interaction between O2 and Au clusters. The role of anionic surface Au atoms on	
Au clusters for catalyzed oxygenation	346 (2001) 163
Olsen, R.A., see McCormack, D.A.	346 (2001) 347
Onishi, H., see Ishibashi, Ta.	346 (2001) 413
omoni, 21, oce minousin, 1, u.	210 (2001) 413
Painelli, A., L. Del Freo and F. Terenziani, Vibronic contributions to resonant NLO	
responses: two-photon absorption in push-pull chromophores	346 (2001) 470

Papadantonakis, G.A., K.L. Stevenson and P.R. LeBreton, Evidence of temperature	
dependent activation barriers for near-threshold aqueous photoionization of	
2'-deoxyguanosine and tryptophan	346 (2001) 97
Park, K., see Kwon, OH.	346 (2001) 195
Pastukhov, A.V., D.V. Khudyakov, V.R. Vogel and A.I. Kotelnikov, A supercooled	
glycerol-water mixture: evidence for the large-scale heterogeneity?	346 (2001) 61
Pawlukojć, A., I. Natkaniec, I. Majerz, L. Sobczyk and E. Grech, Inelastic neutron	
scattering (INS) studies on low frequency vibrations of 1,4-benzoquinone	346 (2001) 112
Permogorov, D., see Metsälä, M.	346 (2001) 373
Piracha, N.K., see Nakanaga, T.	346 (2001) 407
Pogrebnya, S.K., A.J. Richardson and D.C. Clary, Non-orthogonal basis sets for	
hyperspherical coordinate calculations on chemical reactions	346 (2001) 149
Pollmann, M., M. Bertram and H. Hinrich Rotermund, Influence of time delayed	
global feedback on pattern formation in oscillatory CO oxidation on Pt(110)	346 (2001) 123
Ponec, R., see Lain, L.	346 (2001) 283
Prezhdo, O.V., see Brooksby, C.	346 (2001) 463
Puyuelo, M.P., see González, M.	346 (2001) 69
Pyykkö, P., see Kellö, V.	346 (2001) 155
Raghava Rao, J., see Madhan, B.	346 (2001) 334
Ramasami, T., see Madhan, B.	346 (2001) 334
Rasmussen, L.L. and C. Nyeland, Surface diffusion of heavy inert gas atoms on metals	
from intermolecular potential energies based on a density-functional method	346 (2001) 187
Ren, Q., see Wang, XQ.	346 (2001) 393
Richardson, A.J., see Pogrebnya, S.K.	346 (2001) 149
Richardson, R., see Catalano, D.	346 (2001) 259
Rizzo, A., see Cappelli, C.	346 (2001) 251
Roszak, S., see Urban, J.	346 (2001) 512
Sadlej, A.J., see Kellö, V.	346 (2001) 155
Saito, K., see Yuan, L.	346 (2001) 23
Sasaki, S., see Fujimori, H.	346 (2001) 217
Sato, F., see Yoshihiro, T.	346 (2001) 313
Sato, T., see Bando, Y.	346 (2001) 29
Sayós, R., see González, M.	346 (2001) 69
Scagnolari, F., see Modelli, A.	346 (2001) 492
Schram, D., see Amorim, J.	346 (2001) 443
Schweikhard, L., see Vogel, M.	346 (2001) 117
Searles, D.J., see Müller, M.G.	346 (2001) 160
Seiler, R., U. Hollenstein, G.M. Greetham and F. Merkt, Rydberg-state-resolved zero-	
kinetic-energy photoelectron spectroscopy	346 (2001) 201
Sellin, I.A., see Arce, J.C.	346 (2001) 341
Sheehy, J.A., see Arce, J.C.	346 (2001) 341
Shi-Wei, R., J. En-Yong, L. Zhi-Qing and K. Yong-Jin, The atomic equivalence	
indexes and the kinetic energies of the atoms in the solid-like LJ 19-atom cluster	346 (2001) 479
Smith, G.P., see Luque, J.	346 (2001) 209
Sobczyk, L., see Pawlukojć, A.	346 (2001) 112
Song, CF., see Wang, XQ.	346 (2001) 393

Stevenson, K.L., see Papadantonakis, G.A.	346 (2001) 97
Stöckli, T., see Noury, O.	346 (2001) 349
Stone, J.A. and D. Vukomanovic, Experiment proves that the ions $[Cu(H_2O)_n]^{2+}$	
(n = 1, 2) are stable in the gas phase	346 (2001) 419
Straub, J.E., see Andricioaei, I.	346 (2001) 274
Subramanian, V., see Madhan, B.	346 (2001) 334
Sugita, A. and T. Kobayashi, Dynamics of a photo-excited state in polydiacetylene	
studied by femtosecond mid-infrared absorption spectroscopy	346 (2001) 41
Takahashi, K., see Hitsuda, K.	346 (2001) 16
Takatsuka, K., see Ushiyama, H.	346 (2001) 169
Tanaka, M., see Fujimori, H.	346 (2001) 217
Tatikolov, A.S. and S.M.B. Costa, Effects of normal and reverse micellar environment on	
the spectral properties, isomerization and aggregation of a hydrophilic cyanine dye	346 (2001) 233
Terenziani, F., see Painelli, A.	346 (2001) 470
Thanikaivelan, P., see Madhan, B.	346 (2001) 334
Toh, JS., see Jordan, M.J.T.	346 (2001) 288
Tokudome, H., see Yonemura, H.	346 (2001) 361
Tomasi, J., see Cappelli, C.	346 (2001) 251
Tongraar, A. and B. Michael Rode, The role of non-additive contributions on the	010 (2001) 201
hydration shell structure of Mg <sup>2+</sup> studied by Born-Oppenheimer ab initio quantum	
mechanical/molecular mechanical molecular dynamics simulation	346 (2001) 485
Torre, A., see Lain, L.	346 (2001) 283
Tosi, P., see Ascenzi, D.	346 (2001) 35
Tsai, YH., see Chen, LJ.	346 (2001) 241
Tsutsui, S., see Kajiura, H.	346 (2001) 356
Isutsui, S., see Kajiura, II.	340 (2001) 330
Unni Nair, B., see Madhan, B.	346 (2001) 334
Urban, J., S. Roszak and J. Leszczynski, Shellvation of the ammonium cation by	340 (2001) 334
molecular hydrogen: a theoretical study	346 (2001) 512
Ushiyama, H., Y. Arasaki and K. Takatsuka, Efficient calculations of classical	340 (2001) 312
trajectories and stability matrices for semiclassical theory with locally analytic	
integrator. The Hulme method revisited	246 (2001) 160
integrator. The Hulme method revisited	346 (2001) 169
Vaittinen, O., see Metsälä, M.	346 (2001) 373
van Stralen, J.N.P., see McCormack, D.A.	346 (2001) 347
Venuti, M., see Modelli, A.	346 (2001) 492
	346 (2001) 259
Veracini, C.A., see Catalano, D.	346 (2001) 239
Viappiani, C., see Abbruzzetti, S.	346 (2001) 430
Vogel, M., K. Hansen, A. Herlert and L. Schweikhard, Determination of dissociation	246 (2001) 117
energies by use of energy-dependent decay pathway branching ratios	346 (2001) 117
Vogel, V.R., see Pastukhov, A.V.	346 (2001) 61
Vogt, P.S., see Müller, M.G.	346 (2001) 160
Vukomanovic, D., see Stone, J.A.	346 (2001) 419
Waslawik E.B. sas Davay I.B.	246 (2001) 102
Waclawik, E.R., see Davey, J.B.	346 (2001) 103
Walch, S.P. and E.L.O. Bakes, On the reaction $CH_2NH_2^+ + HCN/HNC \rightarrow$	246 (2001) 267
NH <sub>2</sub> CH <sub>2</sub> CNH <sup>+</sup>	346 (2001) 267

Wallington, T.J., see Hitsuda, K.	346 (2001) 16
Walter, D. and E.A. Carter, Multi-reference weak pairs local configuration interaction:	
efficient calculations of bond breaking	346 (2001) 177
Wang, D., see Wang, XQ.	346 (2001) 393
Wang, H., see Arce, J.C.	346 (2001) 341
<ul> <li>Wang, XQ., D. Xu, MK. Lü, DR. Yuan, X. Yin, GH. Zhang, SX. Xu, GW.</li> <li>Lu, CF. Song, SY. Guo, JR. Liu, GY. Zhou, D. Wang, ZH. Yang, X. Zhao,</li> <li>Q. Ren, JQ. Zhao and WL. Liu, Crystal growth and physical properties of UV</li> </ul>	
nonlinear optical crystal zinc cadmium thiocyanate, ZnCd(SCN) <sub>4</sub>	346 (2001) 393
Webber, N.M., see Litvinenko, K.L.	346 (2001) 47
Weiß, J., V. May, N.P. Ernsting, V. Farztdinov and A. Mühlpfordt, Frequency and time-domain analysis of excited-state intramolecular proton transfer. Double-	
proton transfer in 2,5-bis(2-benzoxazolyl)-hydroquinone?	346 (2001) 503
Wen, ZC., see Ma, LH.	346 (2001) 423
Williams, S., see Ohline, S.M.	346 (2001) 9
Wojciechowski, I., A. Delcorte, X. Gonze and P. Bertrand, Mechanism of metal	
cationization in organic SIMS	346 (2001) 1
Wright, T.G., see Daire, S.E.	346 (2001) 305
Xu, D., see Wang, XQ.	346 (2001) 393
Xu, SX., see Wang, XQ.	346 (2001) 393
Yamada, A., see Kajiura, H.	346 (2001) 356
Yamada, S., see Yonemura, H.	346 (2001) 361
Yamaguchi, K., see Okumura, M.	346 (2001) 163
Yamanouchi, K., see Iwasaki, A.	346 (2001) 379
Yang, S., see Metsälä, M.	346 (2001) 373
Yang, ZH., see Wang, XQ.	346 (2001) 393
Yashima, M., see Fujimori, H.	346 (2001) 217
Yeh, MC., see Chen, LJ.	346 (2001) 241
Yin, X., see Wang, XQ.	346 (2001) 393
Yonemura, H., H. Tokudome and S. Yamada, Magnetic field effects on the decay rate of photogenerated biradical from intramolecular electron transfer of triplet excited	
fullerene in a fullerene-phenothiazine linked compound	346 (2001) 361
Yong-Jin, K., see Shi-Wei, R.	346 (2001) 479
Yoshihiro, T., F. Sato and H. Kashiwagi, Distributed parallel processing by using the object-oriented technology in ProteinDF program for all-electron calculations on	
proteins	346 (2001) 313
Yoshimura, M., see Fujimori, H.	346 (2001) 217
Yuan, DR., see Wang, XQ.	346 (2001) 393
Yuan, L., K. Saito, W. Hu and Z. Chen, Ethylene flame synthesis of well-aligned multi-	
walled carbon nanotubes	346 (2001) 23
Zettl, A., see Han, WQ.	346 (2001) 368
Zhang, GH., see Wang, XQ.	346 (2001) 393
Zhao, JQ., see Wang, XQ.	346 (2001) 393
Zhao, X., see Madhu, P.K.	346 (2001) 142
Zhao, X., see Wang, XQ.	346 (2001) 393
Zinco, rii, occ ir mig, rii V.	210 (2001) 373

Zhi-Qing, L., see Shi-Wei, R.	346 (2001) 479
Zhou, GY., see Wang, XQ.	346 (2001) 393
Zhou, Z. and PY. Lai, On the consistency of two elastic models for double-stranded	
DNA	346 (2001) 449
Ziolek, M., see Lorenc, M.	346 (2001) 224

